CIC #: 99EPA SUPERFUND VOUCHER FOR TRANSFERS PAGE NO. 001 BILLED DATE 03-NOV-2003 BETWEEN APPROPRIATIONS AND/OR FUNDS ACCOUNTS OF CUSTOMER ORDER NUMBER DW96941975 (AR 37-1) (DIAMOND ALKALI (TA RI/FS) BZ694 D.O. VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOIL NO. 27023142 PARTIAL # 10 29-SEP-2003 THRU 03-NOV-2003 BILLED OFFICE (MAIL TO): BILLING OFFICE (SEND REMITTANCE TO): U S ENVIRONMENTAL PROTECTION AGENCY USACE FINANCE CENTER ACCOUNTING OPERATIONS OFFICE KANSAS CITY DISTRICT G5 26 W MARTIN LUTHER KING DRIVE 5720 INTEGRITY DRIVE CINCINNATI OH 45268-7002 MILLINGTON TN 38054-5005 ATTN BILLED ACCOUNTING CLASSIFICATION BILLING ACCOUNTING CLASSIFICATION 68 20 X 8145.0000 2002 NA 0000 NA 000000 96 NA X 3122.0000 G5 08 2416 848 012975 96231 \$23,547.58 \$23,547.58 DESCRIPTION LINE ITEM TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP \$183.91 CONTRACT - OUTSIDE GOVERNMENT PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS) \$17,101,11 CONTRACT - OUTSIDE GOVERNMENT INHOUSE - LABOR DEPARTMENTAL OVERHEAD COSTS \$1,470.43 INHOUSE - LABOR GENERAL AND ADMINISTRATIVE OVERHEAD COSTS \$951.15 \$3,840.98 INHOUSE - LABOR LABOR \$23,547.58 SUBTOTAL PARTIAL AMOUNT PAID \$.00 \$23,547.58 PAY THIS AMOUNT PAYMENT DUE DATE: 03-DEC-2003 TOTAL GUY NO COUNT SUNDER SUND

5 Dec 03

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Elizabeth A. Bucknucker Project Manager

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS FUNDS AUTHORIZED: \$1,050,000.00 STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, TOTAL BILLED AMOUNT: \$135,020.92 OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED. PREVIOUS BILLED AMOUNT: \$111,473.34 CURRENT BILLED AMOUNT: \$23,547.58 TOTAL FLUX BILLED: \$.00 DATE AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER PREVIOUS FLUX BILLED: \$.00 CURRENT FLUX BILLED: \$.00

CERTIFICATE OF OFFICE BILLED

DA FORM 4445-R APPROVED BY TREASURY -FOR USE IN LIEU OF SF 1080

205139



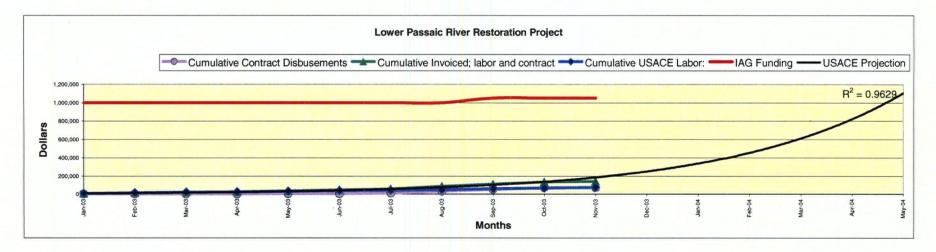
## LOWER PASSAIC RIVER RESTORATION PROJECT DW96941975; BZ694

# **USACE/Contract Expenditures**

#### and

# **Projected Expenditures**

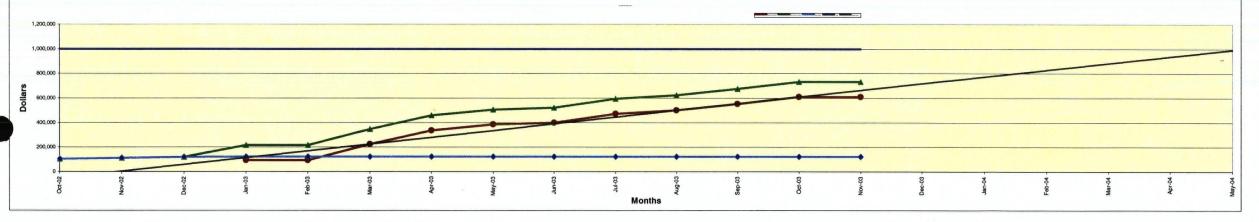
						FY03					FY	04	
Bill Number==>		1	, 2	3	4	5	6	7	8	9	10	11	
Item	Sep-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Totals
Travel Expenses		0.00	928.80	493.00	463.30	1,601.71	1,816.30	451.50	1,222.30	453.50	183.91	726.61	8,340.93
Other: Reproduction Services/MIPRs for Labor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	1,000.00
Departmental Overhead		1,560.03	2,055.39	1,095.31	811.33	1,627.35	1,940.05	778.69	1,673.86	1,930.51	1,470.43	1,494.22	16,437.17
General/Administrative Overhead		897.91	1,186.39	759.63	422.56	854.60	990.65	397.62	883.43	1,125.96	951.15	1,014.86	9,484.76
Labor		3,591.50	4,745.46	3,073.56	1,690.28	3,560.93	4,127.83	1,656.80	3,681.04	4,691.55	3,840.98	4,059.29	38,719.22
USACE Labor; monthly		6,049.44	8,916.04	5,421.50	3,387.47	7,644.59	8,874.83	3,284.61	7,460.63	8,201.52	6,446.47	8,294.98	40,293.87
Cumulative USACE Labor:		6,049.44	14,965.48	20,386.98	23,774.45	31,419.04	40,293.87	43,578.48	51,039.11	59,240.63	65,687.10	73,982.08	73,982.08
IAG Funding Received/Personnel:	175,000.00												175,000.00
IAG Funding Received/Contract:	825,000.00									50,000.00			875,000.00
Contracts Awarded				325,262.00									325,262.00
Contract Disbursements; monthly (Invoiced/Paid	)					5,115.99		7,265.42	20,796.38	19,054.92	17,101.11	0.00	69,333.82
Cumulative Contract Disbusements		0.00	0.00	0.00	0.00	5,115.99	5,115.99	12,381.41	33,177.79	52,232.71	69,333.82	69,333.82	
Cumulative Invoiced; labor and contract		6,049.44	14,965.48	20,386.98	23,774.45	36,535.03	45,409.86	55,959.89	84,216.90	111,473.34	135,020.92	143,315.90	
Remaining IAG \$\$	1,000,000.00	993,950.56	985,034.52	654,351.02	650,963.55	643,318.96	634,444.13	631,159.52	623,698.89	665,497.37	659,050.90	650,755.92	





# LOWER PASSAIC RIVER RESTORATION PROJECT DW96941915; BZ672 USACE/Contract Expenditures and Projected Expenditures

		FY	)1							FY02												FY	)3						FY04		
Bill Number==>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	no#	
m	Jun 01	Jul 01	Aug 01	Sep 01	Oct 01	Nov 01	Dec 01	Jan 02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mer-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Tot
ravel Expenses	0.00	0.00	933.00	547.92	0.00	0.00	303.40	563.29	2,351.07	2,493.08	677.38	808.64	776.91	431.61	628.23	851.46	2,021.20	952.13	1,014.70	308.00	0.00										15,
ther: Reproduction Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00		57.27	0.00										
Departmental Overhead	381.52	1,344.00	1,368.85	977.66	465.05	1,098.63	1,765.36	1,139.40	342.23	1,553.48	714.60	534.72	1,221.42	3,209.44	2,679.73	4,703.66	491.25	1,894.49	1,914.53	41.66	114.55										27
Seneral/Administrative Overhead	246.68	910.31	986.49	614.28	269.85	598.38	961.53	620.60	186.41	846.16	389.28	323.42	737.97	1,966.23	1,895.63	2,923.47	328.55	1,081.37	1,012.71	166.62	59.67							1.			17
abor	822.20	3,034.19	3,288.33	2,047.56	940.50	2,393.45	3,845.96	2,482.34	745.63	3,384.51	1,556.90	1,113.43	2,544.67	6,780.17	6,536.67	10,080.96	1,200.73	4,325.31	4,050.75		238.66										61
ISACE Labor; monthly	1,450.40	5,288.50	6,576.67	4,187.42	1,675.40	4,090.46	6,876.25	4,805.63	3,625.34	8,277.23	3,338.16	2,780.21	5,280.97	12,387.45	11,740.26	18,559.55	4,041.73	8,253.30	7,992.69	573.55	412.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 87
Cumulative USACE Labor:	1,450.40	6,738.90	13,315.57	17,502.99	19,178.39	23,268.85	30,145.10	34,950.73	38,576.08	46,853.31	50,191.47	52,971.68	58,252.65	70,640.10	82,380.36	100,939.91	104,981.64	113,234.94	121,227.63	121,801.18	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	122,214.06	6 122
IAG Funding Received/Personnel:	70,000.00			70,000.00										The state of																	140,0
IAG Funding Received/Contract:	430,000.00			430,000.00												- 1														-	860,0
Contracts Awarded																	852,610.00														852,6
Contract Disbursements; monthly (Invoiced/Paid)																				94,165.49		130,111.20	112,696.06	48,193.07	14,095.99	74,018.03	27,130.85	51,880.27	57,810.70	0.00	610,1
Cumulative Contract Disbusements																				94,165.49	94,165,49	224,276.69	336,972,75	385,165,82	399,261,81	473,279.84	500.410.69	552,290.96	610,101.66	610.101.66	6
cumulative invoiced; labor and contract	1,450.40	6,738.90	13,315.57	17,502.99	19,178.39	23,268.85	30,145.10	34,950.73	38,576.08	46,853.31	50,191.47	52,971.68	- 58,252.65	70,640.10	82,380.36	100,939.91	104,981.64	113,234.94	121,227.63	215,966.67	216,379.55	346,490.75	459,186.81	507,379,88	521,475,87	595,493,90	622,624,75	674.505.02	732,315.72	732,315.72	732,3
Remaining IAG \$\$	498,549.60	493,261,10	486,684,43	982,497.01	980,821.61	976,731,15	969,854.90	965.049.27	961,423,93	953,146,70	949.808.54	947.028.33	941.747.36	000 050 01	917,619.65	900 000 10	42,408.37	34,155.07	26,162.38	25,588,83	25,175,95	25,175,95	25,175,95	25,175.95	25,175.95	25,175.95	25,175.95	25,175.95	1000 March 2000 Sept. 1	25,175.95	25,1



Progress Report for EPA Region II

Site:	Diar Exp	mond Al ansion,	lkali, Operal New Jerse	ble Unit 3, Pa y	ssaic Riv	ic River Study Pha			RI/FS,	OU3		
Bill No.:		23142 tial #10		AG No.: IWK		41975 (BZ694) IAG Date: 9/24/02		IAG 12/3		tion Date:	Other Corps N/A	
Reporting	Fr	From:		То:	EPA RPM				Ì	USACE PM		
Period:		ep 29, 20	)03	Nov 3, 2003	3	Alice Yeh				Elizabeth Bu	ckrucker	
Work Perfor	med					,						
This Period	,	• P				th EPA/MPI; held onnel also provide s					update of project action item ls.	
·		<ul> <li>Review and payment of AE invoices for IAG DW96941915 and IAG DW96941975. Continuing to work with MPI, holding conference call on 8 Oct 03, on the accuracy of their invoices; required resubmittal of one invoice prior to payment.</li> </ul>										
		■ Establishment of a contract expenditure and projection spreadsheet for both IAG -1915 and -1975. This spreadsheet provides summary of all USACE labor, contract disbursements as well as the IAG funding and contracts awarded. The 6-month projection provides funding forecast for planning and scheduling purposes. A copy of the spreadsheet for each IAG is included with the monthly bills (hard copy).										
		■ P:	Passaic PM/Trustee/Contractor Team conference call 1 Oct 03. Preparation for the Press Event and agency/team member responsibilities for this event. Follow on conference call held 8 Oct 03, for additional discussions on following topics: CARP data transfer, press event, MOA and public web site.									
·		• P	Premis Requests 20 and 22 for support and preparation of the public web site prior to the Press Event were approved. The exact tasks required were discussed in a conference call on 7 Oct 03 with EPA/COE and MPI. The public web site was provided for final internal review and comments provided by EPA and COE. The public web site was completed and made available on 17 Oct 03.									
		• D	Developed new format for Progress Reports and initiated electronic submission of these reports. Report #11 was the first with new format and was submitted 24 Oct 03. The new format provides a more clear and concise manner in which progress is summarized by contractor and WAD, issues presented with recommendations, and projections of future work more specific.									
	2	• P	the propos clarification negotiation	the technical evaluation for the MPI proposal for WADs 4 and 5. Conducted strategy session with A. Toposal 7 Oct 03. Conducted the first round of negotiations on 8 Oct 03 w/ EPA, MPI and COE. Severa cation memo's were prepared and reviewed, the technical evaluation was updated and a second round of iations were held 31 Oct 03. During the second negotiation, WADs 4 and 5 were completed and a revisual was requested and WAD 6 was then discussed at length with plans to discuss more in the near future							API and COE. Several and a second round of completed and a revised	
		• S	chedule upo	lated as of 10	Oct 03 ar	nd posted to Premis	24 Oct	03.				
Meetings This		• T	elephone co	onference call	Progress	Meetings – 7 and 2	21 Oct 0	)3; EP	PA/COE	E/MPI/HQI/BA	AT.	
Period		• T	elephone co	onference call	; Passaic	Feam/PM Meetings	– 1 and	1 8 Oc	ct 03; E	PA/COE/OMI	₹.	
		• T	elephone co	onference call	; Press Ev	ent Support/Public	Web Si	te Re	quireme	ents; 7 Oct 03;	EPA/COE/MPI	
		• T	elephone co	onference call	; Contract	Negotiations – 8 a	nd 30 O	ct 03;	EPA/C	COE/MPI/HQI		



- See IAG DW96941915 for milestones completed prior to 1 Jan 03.
- Negotiations with MPI held 6 and 14 Jan 03.
- Task Order 0011 awarded for \$325,262.00 on 11 Mar 03.
- RFP to MPI 16 Sep 03. Cost Proposal received from MPI on 29 Sep 03 (for work on WADs 4-6).
- Contract negotiations held 8 and 30 Oct 03.

### Contractor Actions/ Accomplishments

#### ■ WAD 1 Work:

- On October 2, 2003, a meeting was held at the Hudson River Foundation (HRF) between various agencies/organizations (i.e., HRF, USEPA, HydroQual, Battelle, USACE NY District, Malcolm Pirnie, NOAA, URS, LMS, NJDEP, NYSDEC, and PANYNJ). The purpose of the meeting was to present the CARP/D3 website and to discuss the creation of a working group that would share work products and data. Passaic River project team members that attended the meeting included Alice Yeh (USEPA), Lisa Szegedi-Greco (Malcolm Pirnie), Tom Gulbransen (Battelle), and Ellie Baptiste-Carpenter (Battelle). Presentations from the Passaic River Superfund Team were given by Lisa, Tom, and Ellie. Information on this meeting is posted on PREmis in the calendar and on the digital library.
- On October 8, 2003, preliminary negotiations were held between Alice Yeh (USEPA), Beth Buckrucker (USACE KC District), Trudy Shannon (USACE KC District), Bruce Fidler and Lisa Szegedi-Greco (Malcolm Pirnie). The majority of these negotiations focused on WAD 04, WO 2, Community Relations. On October 30, 2003, additional negotiations on WADs 04-06 among the same parties. The majority of these negotiations were focused on WAD 05.
- On October 20, 2003, a Press Event was held at the Fire Training Facility in Newark to announce the kick-off of a regional partnership between the USACE, USEPA, NJDOT, and NJDEP to cleanup and restore the Lower Passaic River. Alice Yeh, USEPA and Bruce Fidler, Malcolm Pirnie, Inc., attended.
- On October 22, 2003, the USEPA COI determination procedures for TAMS were finalized and TAMS personnel
  were given access to PREmis.
- On October 24, 2003, a revised schedule (updated as of October 10, 2003) was posted to the digital library.

#### WAD 2 Work:

- On October 7, 2003, USEPA submitted a list detailing which Diamond Alkali documents can be made public.
   Uploaded of those documents was completed on 24 Oct 03 A list of Ventron/Velsicol documents that can be made public is pending.
- On October 10, 2003, all of the MERI document uploading to the website was completed.
- On October 17, 2003, work on the public website was completed in time for the Press Event held on October 20, 2003.
   This included look and feel, uploading the fact sheets, press releases, revised Q&As, mission statement, the registration module, the digital library, and GIS.
- On October 17, 2003 Malcolm and Battelle began work on the data quality scheme. This includes reviewing the
  existing historical data, mapping the existing sampling locations, and beginning the data quality checklist. It is
  anticipated that a memo describing the scheme will be submitted to the USEPA and USACE by December 12,
  2003.
- On October 27, 2003, RSCC was contacted and it was determined that the CLP laboratories used for this project will be required to submit their EDDs in compliance with MEDD requirements.
- HQI work during this period included:
- On October 9, 2003, an approval letter, allowing HydroQual to use the unvalidated data, was received from HRF, the Port Authority, NJDOT-OMR, and ESDC.
- A conservative version of the CARP model was received and set up to simulate six chemicals including PCB77, PCB153, OCDD, TCDD, BAP and Pyrene. For the purpose of this modeling exercise a preliminary study area was defined including the Lower Passaic River, Lower Hackensack River, Newark Bay, Kill Van Kull and Arthur Kill. Loads from various sources were estimated including, sediment diffusive and particulate release, CSOs, storm water, municipal wastewater treatment plants and tributaries (Upper Passaic River and Upper Hackensack River). Point source loads were either obtained directly from the CARP team or calculated using CARP methodology. Specific tasks undertaken included:
- Acquisition of the CARP model code. The source code for the CARP model was transferred to the work area of the Lower Passaic River team. The source code was compiled and a short (20-day) simulation was performed to



ensure the proper execution of the model.

- Acquisition the CARP data (water column in Passaic and adjacent water bodies). Data compiled by the CARP team were transferred. Data processing programs were configured to display the data as needed for the Lower Passaic River study. Preliminary data analysis (e.g. concentration vs. flow rate) was performed.
- Acquisition of Loading data. Model inputs for the CARP model including point sources (WWTPs, CSOs, storm drains), open boundary concentrations (Atlantic Ocean) and atmospheric loads were obtained. The parameters simulated by the CARP team are somewhat different from those simulated by the Passaic team. For PCBs, for example, the CARP team simulates homologues, whereas the Passaic team simulates individual congeners.
- HQI performed computer runs for sediment diffusion and particles resuspension sources for the PCB congener 153, PCB congener 77, TCDD, OCDD, pyrene, and BAP. For these simulations the steady-state, present conditions, mass flux of chemical (kg/day) was calculated based on sediment concentration data. For the porewater diffusion release this constituted calculating the porewater concentrations (truly dissolved and DOC sorbed) based on a portioning coefficient and calculating the mass flux based on a mass transfer coefficient. For the resuspension release a sediment resuspension velocity was calculated based on a net burial (sedimentation rate) and deposition rate.
- WAD 3 Work:
- On October 7, 2003, a conference call was held between Alice Yeh (USEPA), Beth Buckrucker (USACE KE District), Lisa Szegedi-Greco and Rob Danowski (Malcolm Pirnie) regarding the second proposal for work on ourpassaic.org. At that time, it was decided that work could begin immediately on the What's New page, the site map, the site search, and code documentation. A revised proposal will be created and submitted to the USEPA and USACE. This information will also be loaded into the PREmis request module.
- On October 7, 2003, Battelle submitted 20 D3 queries to Malcolm Pirnie; the queries were converted from the D3 format to the PREmis format. The queries were tested by Malcolm Pirnie and are compatible with the PREmis database.
- On October 7, 2003, Battelle submitted revised versions (edited to incorporate Malcolm Pirnie comments) of three documents; the historical database error and discrepancy memo, the historical database data processing synopsis memo, and the historical database source attribution to original sources memo. These documents were uploaded to the Digital Library under the Website and Database folder.
- MPI and HOI continue to contact the potential technical advisory team members to determine their interest in serving on the project. On October 24, 2003, the draft technical advisory team invitation letter and COI form were provided to EPA and COE for review.

Projected W	ork, Meetings Milestones through next FY.
Narrative	<ul> <li>Anticipate modification to Task Order 0011 in late November 2003; the delay is for accommodation of additional contract negotiations. Update of the Funding Spreadsheet recommendations will be provided to A. Yeh for consideration.</li> </ul>
Meetings	<ul> <li>Continuation of Weekly Progress calls and Passaic PM calls.</li> <li>Continuation of Passaic "PM" Meetings with all agency Project Managers, Trustees and Consultants (as needed).</li> <li>Project visualization meeting planned with HQI; date TBD.</li> </ul>
Key Milestones Forthcoming	<ul> <li>Completion of contract negotiations and award of Task Order 0011/Mod 2.</li> <li>Schedule rebaselined providing updated schedule of tasks currently under contract. Anticipate addition of new task to be added after task order modification award.</li> </ul>

**Progress Report for EPA Region II** 

Issues	
Technicat:	None.
Schedule:	Schedule somewhat impacted; HQI required data was needed by 30 Sep 03 to keep their work from further delay. Since approval was received on 9 Oct 03; the date for model simulation submission has been delayed from 14 Nov to 30 Nov 03.
Funding:	Discussion during transition meeting 12 May 03 with R. Basso and A. Yeh; additional funds from HQ is not expected. Future funding will come from PRP accounts; EPA meeting held with PRP's in late October. Anticipate good faith offers end of November 2003. Schedule for receipt of additional funds not specific at this time; but anticipated spring 2004.

		A	IAG Summ mendment F	•		
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
1,000,000	0	Initial	9/24/02	-	-	\$ 1,000,000
50,000	0	1	9/11/03	-	-	\$ 1,050,000

Note: Technical Assistance IAG; Procurement total = \$875,000; Personnel = \$175,000

Expenditures: USACE & CONTRACT

· .	Summary of Funds S	Spent Per Activity & Fund	s Remaining	
Description	Funds For Activity	Funds Disbursed This Month	Funds Disbursed To Date	Funds Remaining
Contract – Task Order 0011	\$ 325,262.00	\$ 17,101.11	\$ 69,333.82	\$ 255,928.18
Contract Dollars Available – Not Yet Obligated	\$ 549,738.00	\$0	\$0	\$ 549,738.00
Kansas City In-House Labor/Travel	\$ 175,000.00	\$ 6,446.47	\$ 65,687.10	\$ 109,312.90
Totals	\$ 1,050,000.00	\$ 23,547.58	\$ 135,020.92	\$ 914,979.08

#### Contract Obligations/Deobligations Plan (FY03)

Contract	Planned	Date	Actual	Date	Notes		
DACW41-02-D-0003	\$300,000	1/31/03	\$325,262.00	3/11/03	New task order awarded; Task Order 0011.		
DACW41-02-D-0003	1,000,000	12/1/03			Planned amount is estimated; exceeds funds available; work may be negotiated and not obligated.		

## IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$1,000,000 to the U.S. Army Corps of Engineers - Kansas City District for Remedial Investigation and Feasibility Study at the Diamond Alkali OU3 Superfund Site (EPA ID: NJD980528996)

IAG Amendment #1 Scope of Work Summary (block 13 of IAG)

This amendment obligates Urban Rivers Restoration Initiatives funds in the amount of \$50,000 to the U.S. Army Corps of Engineers – Kansas City District for community relations activities in support of Remedial Investigation and Feasibility Study at the Diamond Alkali, OU3 Superfund Site (EPA ID: NJD980528998) [PM note – cannot read last digit in EPA ID number; may be same as above]. This amendment also revises the community relations task in the original scope of work.

# **Progress Report for EPA Region II**

# Project Delivery Team

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 983-3581 Cell: (816) 728-1884	Project Manager
Trudy Shannon	(816) 983-3822	Contract Specialist
Pam Wittler-Stichweh	(816) 983-3827	Contracting Officer
Ed Bristow	(816) 983-3583	COR

Elizabeth Buckrucker

Project Manager 816-983-3581 Date: December 5, 2003